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10/022,665	12/18/2001	Kameran Azadet	15-7	1787
47386 7590 05/14/2009 RYAN, MASON & LEWIS, LLP 1300 POST ROAD SUITE 205 FAIRFIELD, CT 06824				
EXAMINER TORRES, JOSEPH D				
ART UNIT		PAPER NUMBER		
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10022665	12/18/2001	AZADET ET AL.	15-7

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## Commissioner for Patents

The claims were examined to determine if the process of claims 1-4,9,10 and 21-25 meet the requirements of a patent eligible process under 35 U.S.C. § 101.

Claim 1 recites, "calculating intersymbol interference estimates based on one or more multidimensional code symbols". Intersymbol interference is a physical phenomena occurring in a communication channel as a signal, modeled as a multidimensional symbol, passes through the physical communication channel. Intersymbol interference is particular to the physical communication channel on which the signal travels and the time of transmission, hence; can only be detected by examining the signal as it is extracted from the communication channel at a particular time.

It would be impossible to calculate "intersymbol interference estimates" without a machine (a modem, demodulator, equalizer, etc.) to extract the signal from the communication channel, hence; the process of claims 1-4,9,10 and 21-25 must be tied to and electrically connected to some machine (a modem, demodulator, equalizer, etc.) for extracting signal information.

Hence, claims 1-4,9,10 and 21-25 meet the requirements of a patent eligible process under 35 U.S.C. § 101.

/Joseph D Torres/  
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